



बिहार गजट

असाधारण अंक

बिहार सरकार द्वारा प्रकाशित

11 माघ 1944 (श0)
(सं0 पटना 107) पटना बुधवार 1 फरवरी 2023

सं० 110(12)-12/प0-09-09/2020

स्वास्थ्य विभाग

संकल्प

27 जनवरी 2023

विषय:- राज्य के जिला अस्पताल, अनुमंडलीय अस्पताल एवं प्राथमिक स्वास्थ्य केन्द्र हेतु आवश्यक उपकरणों की सूची- **Essential Equipment List (EEL)** अधिसूचित करने के संबंध में।

स्वास्थ्य विभागीय आदेश सं० SHSB/PM/537/2019-1163, दिनांक 01.06.2020 द्वारा राज्य के सरकारी स्वास्थ्य संस्थानों यथा, चिकित्सा महाविद्यालय एवं अस्पताल, जिला अस्पताल, अनुमंडलीय अस्पताल/रेफरल अस्पताल, सामुदायिक स्वास्थ्य केन्द्र, प्राथमिक स्वास्थ्य केन्द्र, अतिरिक्त प्राथमिक स्वास्थ्य केन्द्र एवं स्वास्थ्य उपकेन्द्र स्तर हेतु आवश्यक उपकरणों की सूची - **Essential Equipment List (EEL)** विकसित करने हेतु निदेशक प्रमुख (रोग नियंत्रण), स्वास्थ्य सेवायें, बिहार की अध्यक्षता में टेक्निकल कोर कमिटी गठित की गयी है।

2. उल्लेखनीय है कि राज्य में जिलान्तर्गत जिला अस्पताल, अनुमंडलीय अस्पताल, सामुदायिक स्वास्थ्य केन्द्र एवं प्राथमिक स्वास्थ्य केन्द्र में निरंतर स्वास्थ्य सेवाओं का विस्तारीकरण करने की दिशा में अथक प्रयास किये जा रहे हैं। इसी क्रम में मिशन मोड में कई कार्यों को फलीभूत किया गया है। इन सरकारी अस्पतालों में हर स्तर की विशेषज्ञ आधारित चिकित्सकीय सुविधा उपलब्ध कराने हेतु विशेषज्ञ चिकित्सकों एवं अन्य पारा चिकित्सा कर्मियों को पदस्थापित किया गया है। अतएव, इन विशेषज्ञों के द्वारा प्रदत्त की जाने वाली सेवाओं को दृष्टिपथ में रखते हुये गुणवत्तापूर्ण चिकित्सकीय प्रबंधन हेतु IPHS के मापदंडों के अनुरूप जिला अस्पताल, अनुमंडलीय अस्पताल, सामुदायिक स्वास्थ्य केन्द्र एवं प्राथमिक स्वास्थ्य केन्द्र को चिकित्सकीय उपकरणों एवं उपकरणों से सुदृढ़ करने की आवश्यकता राज्य स्तर द्वारा महसूस की गयी है।

3. इसी क्रम में स्वास्थ्य विभागीय संकल्प ज्ञापांक 12/प०-विविध-08-73/2020-903(12), दिनांक 23.12.2020 'सामुदायिक स्वास्थ्य केन्द्र' के लिए 'आवश्यक उपकरणों की सूची- **Essential Equipment List**' अधिसूचित किया गया है।

4. जिला अस्पताल, अनुमंडलीय अस्पताल एवं प्राथमिक स्वास्थ्य केन्द्र हेतु आवश्यक उपकरणों की सूची- **Essential Equipment List (EEL)** तैयार करने हेतु निदेशक प्रमुख (रोग नियंत्रण), स्वास्थ्य सेवायें, बिहार की अध्यक्षता में टेक्निकल कोर कमिटी की बैठक दिनांक 13.09.2022 एवं 26.12.2022 तथा 23.01.2023 को राज्य स्वास्थ्य समिति, बिहार, परिवार कल्याण भवन, शेखपुरा, पटना के सभागार में आयोजित की गयी। बैठक में IPHS Guidelines के तहत उपकरणों/उपस्करों एवं अन्य Consumables की सूची में अंकित सभी उपकरणों/उपस्करों पर टेक्निकल कोर कमिटी के सदस्यों द्वारा सम्यक समीक्षोपरान्त जिला अस्पताल के लिए 271 एवं अनुमंडलीय अस्पताल के लिए 227 तथा प्राथमिक स्वास्थ्य केन्द्र के लिए 107 प्रकार के आवश्यक उपकरणों/उपस्करों की सूची - **Essential Equipments List (EEL)** के रूप में अधिसूचित करने साथ कतिपय अनुशंसायें की गई हैं। उक्त अनुशंसाओं के आधार पर निम्नलिखित निर्णय लिये जाते हैं:-

- i. जिला अस्पताल, अनुमंडलीय अस्पताल एवं प्राथमिक स्वास्थ्य केन्द्र के लिए आवश्यक उपकरणों/उपस्करों/मेडिकल डिवाइस को विभागवार श्रेणी में रखते हुये IPHS 2022 तथा उक्त संस्थानों में प्रदत्त स्वास्थ्य सेवाओं के आधार पर उनके औचित्यपूर्ण और विवेकपूर्ण उपयोग को दृष्टिपथ में **Essential Equipment List (EEL)** को अधिसूचित किया जाता है।
- ii. आवश्यक उपकरणों की सूची- **Essential Equipment List** में सिर्फ उपकरणों एवं उपस्करों को रखा गया है। इस सूची में consumables items को नहीं रखा गया है। संस्थानवार consumables की सूची आवश्यक औषधियों की सूची- **Essential Drugs List 2023** में समाहित है।
- iii. जिला अस्पताल, अनुमंडलीय अस्पताल एवं प्राथमिक स्वास्थ्य केन्द्र के लिए अधिसूचित EEL में निहित उपकरणों/उपस्करों/मेडिकल डिवाइस का दर-अनुबंध विहित प्रक्रियानुसार BMSICL द्वारा किया जायेगा। दर अनुबंध की सूचना सभी जिलों के सिविल सर्जन एवं स्वास्थ्य केन्द्र के उपाधीक्षक/प्रभारी चिकित्सा पदाधिकारी को BMSICL द्वारा दी जायेगी एवं जिन उपकरणों/उपस्करों/मेडिकल डिवाइस का दर अनुबंध BMSICL के स्तर से नहीं रहेगा, वैसे उपकरणों के दर अनुबंध/क्रय हेतु BMSICL से अनापत्ति प्राप्त करते हुए वित्तीय नियमावली एवं विभागीय क्रय अनुदेशों का पालन करते हुए सिविल सर्जन द्वारा किया जायेगा। जिला अस्पताल, अनुमंडलीय अस्पताल एवं प्राथमिक स्वास्थ्य केन्द्र के उपाधीक्षक एवं प्रभारी चिकित्सा पदाधिकारी उन्हीं उपकरणों/उपस्करों/मेडिकल डिवाइस की आपूर्ति BMSICL से अथवा जिला स्तर से स्थानीय क्रय के माध्यम से प्राप्त करने हेतु अध्याचना करेंगे, जिन उपकरणों के उपयोग हेतु जिला अस्पताल, अनुमंडलीय अस्पताल एवं प्राथमिक स्वास्थ्य केन्द्र में विशेषज्ञ चिकित्सक पदस्थापित हो और विशेषज्ञ आधारित चिकित्सकीय सेवायें मरीजों को उपलब्ध करायी जा रही हो।
- iv. सिविल सर्जन जिला अस्पताल, अनुमंडलीय अस्पताल एवं प्राथमिक स्वास्थ्य केन्द्र के अधीक्षक/उपाधीक्षक एवं प्रभारी चिकित्सा पदाधिकारी के माध्यम से उनके स्वयं के स्तर पर रोगियों की पूर्व संख्या एवं संभावित संख्या तथा प्रदत्त स्वास्थ्य सेवाओं/विशिष्ट चिकित्सा सेवाओं के आधार पर EEL में निहित उपकरणों/उपस्करों/मेडिकल डिवाइस का Gap Analysis करवा कर अपेक्षित आवश्यकता की गणना करने के उपरान्त आवश्यकता आधारित उपकरणों/उपस्करों/मेडिकल डिवाइस की आपूर्ति हेतु BMSICL को Equipment

Management & Maintenance System (EMMS) के माध्यम से ऑनलाइन इन्डेन्ट करेंगे।

- v. क्रय संस्थान, BMSICL के द्वारा सूची में उल्लेखित उपकरणों/उपस्करों के प्रोक्योरमेंट (अधिप्राप्ति) के दौरान उसके Installation, Calibration, Validation, Training एवं Annual Maintenance Contract (AMC) या Comprehensive Maintenance Contract (CMC) का समुचित प्रावधान निविदा आमंत्रण सूचना (NIT), टेन्डर डॉक्यूमेंट एवं दर-अनुबंध (रेट कॉन्ट्रैक्ट) में करेंगे।
- vi. उक्त संस्थानों के लिए जिला से इन्डेन्ट के आधार पर BMSICL के स्तर से आपूरित उपकरणों अथवा जिलास्तर पर क्रय की गयी उपकरणों के विवरणी की प्रविष्टि Equipment Management & Maintenance System (EMMS) पर किया जाना अनिवार्य होगा। साथ ही, आपूरित सभी उपकरणों की भौतिक भंडार पंजी (Physical Stock Register) में समान रूप से प्रविष्टि अनिवार्य होगा।
- vii. उक्त संस्थानों में EEL के अनुरूप आपूरित उपकरणों की टैगिंग एवं मैपिंग का कार्य Bio Medical Equipment Maintenance Programme (BMMP) के तहत तत्क्षण ही करा लेने का दायित्व सिविल सर्जन, उपाधीक्षक एवं प्रभारी चिकित्सा पदाधिकारी तथा अस्पताल प्रबंधक की समान रूप से होगी। इस हेतु प्रत्येक स्वास्थ्य संस्थान स्तर पर नोडल पदाधिकारी नामित है।
- viii. EEL की सूची में जिन उपकरणों/उपस्करों की विशिष्टता (Specification) का उल्लेख नहीं है अथवा किसी उपकरण/उपस्कर की विशिष्टता के संबंध में किसी प्रकार के संशय की स्थिति में स्वास्थ्य विभागीय अधिसूचना संख्या 870(12); दिनांक 08.10.2018 द्वारा अधिसूचित BMSICL के प्रोक्योरमेंट मैनुअल 2018 (Manual for the Procurement of Drug and Medical Equipment-2018) की कंडिका 2.2 में यथा उल्लेखित Technical Specification Committee के द्वारा उपकरणों/उपस्करों की विशिष्टता (Specification) का निर्धारण करते हुये बिहार चिकित्सा सेवायें एवं आधारभूत संरचना निगम लिमिटेड (BMSICL) द्वारा अधिप्राप्ति संबंधी समुचित प्रक्रिया प्रारंभ की जाएगी।
- ix. इस विभागीय संकल्प के साथ जिला अस्पताल के लिए 271 एवं अनुमंडलीय अस्पताल के लिए 227 तथा प्राथमिक स्वास्थ्य केन्द्र के लिए 107 प्रकार के आवश्यक उपकरणों/उपस्करों की संलग्न [अनुसूची 'क', 'ख' एवं 'ग'] को Essential Equipments List (EEL) के रूप में अधिसूचित किया जाता है। इस Essential Equipments List (EEL) के अनुरूप प्रत्येक जिला अस्पताल, अनुमंडलीय अस्पताल एवं प्राथमिक स्वास्थ्य केन्द्र में उपकरणों/उपस्करों/मेडिकल डिवाइस की उपलब्धता सुनिश्चित की जाये।

आदेश- आदेश दिया जाता है कि इस संकल्प को बिहार राजपत्र की असाधारण अंक में प्रकाशित किया जाय और इसकी प्रति राज्य स्वास्थ्य समिति, बिहार (SHSB), बिहार चिकित्सा सेवायें एवं आधारभूत संरचना निगम लिमिटेड (BMSICL) तथा स्वास्थ्य विभाग के सभी क्षेत्रीय कार्यालयों, सभी जिला पदाधिकारियों, सिविल सर्जनों एवं जिला स्वास्थ्य समितियों को दी जाए।

बिहार-राज्यपाल के आदेश से,
प्रत्यय अमृत,
सरकार के अपर मुख्य सचिव।

[illegible]

[illegible]

SL. NO	Name of the Equipment/ Instrument	Basic Specification	Medicine	Surgery	Obstetrics and Gynaecology	Paediatrics	NCD	Dental	Eye	orthopaedics	ENT	Dermatology
52	Polymerase Chain Reaction (PCR) Analyser											
53	ELISA	Reader with Washer & Printer										
54	Flame Photometry											
55	Flow cytometer											
56	Binocular Microscope											
57	Automated/Manual Chemiluminescence Immunoassay											
58	Examination table with in-built IV stand											
59	Suction Machine	Electrical		Yes	Yes	Yes				Yes		
60	Suction machine	Foot Operated		Yes	Yes	Yes				Yes		
61	Ear & Nasal Suction machine										Yes	
62	Hospital Bed/Fowler bed	With Mattress										
63	Radiant warmer				Yes							
64	Dental chair with Compressor	Air Rotor (Air rotor hand piece contra angle two and one straight hand piece (4 lakhs RPM), Ultrasonic Scalar with four tips						Yes				
65	ENT examination chair										Yes	
66	Examination Light	LED	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
67	Sphygmomanometer	Aneroid	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
68	Ophthalmoscope- Direct		Yes			Yes			Yes			
69	Indirect Ophthalmoscope with 20 D & 90 D Lens								Yes			
70	Operating Microscope (Eye)								Yes			
71	Operating Microscope (ENT)										Yes	
72	Phaco Machine								Yes			
73	Otoscope										Yes	
74	Hysteroscope				Yes							

SL. NO	Name of the Equipment/ Instrument	Basic Specification	Medicine	Surgery	Obstetrics and Gynaecology	Paediatrics	NCD	Dental	Eye	orthopaedics	ENT	Dermatology
75	Vaccum Extractor				Yes							
76	Proctoscope- Adult			Yes								
77	Proctoscope- Child			Yes								
78	Arthroscope									Yes		
79	Spirometer		Yes									
80	Syringe Pump											
81	Infusion Pump											
82	Fetal Doppler				Yes							
83	Foetoscope				Yes							
84	Chest Tube With Water Seal		Yes									
85	Infantometer					Yes						
86	Stadiometer		Yes			Yes	Yes					
87	Stethoscope		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
88	Streak Retinoscope								Yes			
89	A- Scan Biometer								Yes			
90	B- Scan Biometer								Yes			
91	Auto refractometer with Keratometer								Yes			
92	Non-Contact Tonometer (NCT)								Yes			
93	Schiotz Tonometer								Yes			
94	Gonio Lens								Yes			
95	Small Incision Cataract Surgery (SICS) Set								Yes			
96	Distance Vision Drum								Yes			
97	Near Vision Drum								Yes			
98	Ishihara Colour Vision Test Book								Yes			
99	Ambu bags- Adult		Yes	Yes	Yes							
100	Ambu bags- Paediatrics		Yes	Yes	Yes							
101	Ambu bags- Neonatal				Yes							
102	Resuscitation Kit- Adult		Yes		Yes							
103	Resuscitation Kit- Neonatal				Yes							
104	Applanation Tonometer								Yes			
105	Fundus Camera								Yes			
106	OCT (Optical coherence tomography)								Yes			

[illegible]

SL. NO	Name of the Equipment/ Instrument	Basic Specification	Medicine	Surgery	Obstetrics and Gynaecology	Paediatrics	NCD	Dental	Eye	orthopaedics	ENT	Dermatology
136	Surgical instruments and sets as required for each surgery/procedure for Obstetrics and Gynaecology OT				Yes							
137	Tracheostomy Set (i) Tracheal hook (blunt & sharp) (ii) Tracheal dilator (iii) Fuller's Tracheostomy tube (iv) Jackson's Tracheostomy tube (v) Cuffed Tracheostomy tube (vi) Right angled retractor (vii) Mosquito Artery forcep (viii) Allis forcep (ix) BP Handle with blade (x) Tooth & plain dissecting forcep										Yes	
138	Normal delivery kit (i) Cord cutting scissor (ii) Artery forceps (medium size) (iii) Sponge holding forceps (medium) (iv) Bivalve cuscus speculum (medium size) (v) Kidney tray (vi) Small bowl for antiseptic lotion				Yes							
139	Episiotomy kit (i) Episiotomy scissor (ii) Artery forceps (medium size) (iii) Allis forceps (iv) Sponge holding forceps (medium) (v) Toothed forceps (vi) Thumb forceps (vii) Kidney tray (viii) Needle holder (ix) Needle (Round Body and Cutting)				Yes							

SL. NO	Name of the Equipment/ Instrument	Basic Specification	Medicine	Surgery	Obstetrics and Gynaecology	Paediatrics	NCD	Dental	Eye	orthopaedics	ENT	Dermatology
140	P.M. Equipment (list) I. Amputation Saw 12” II. Bowel Scissors 7" III. Post- Mortem Scissors 6" IV. Blow Pipe straight 8" V. Hammer with chisel 8” VI. Detachable Cross handle chisel 3.5” VII. Skull Rest 7”VIII. Brain Knife 9.5” IX. Caltin Knife 9.5” X. Cartilage Knife 7.5” XI. Scalpel 16”XII. Dissecting Forceps 6” XIII. Chain hook set of 3, 3” XIV. Scalpel Handle 127 mm XV. Organ knife and saw 22mm blade XVI. Bistoury Knife 70mm blade XVII. Rib Knife XVIII. Pelvic Organ Knife XIX. Dissection scissors XX. Bone cutting scissors XXI. Needle HolderXXII. Raspatory XXIII. Retractor XXIV. Osteotome XXV. Vagotomy XXVI. Surgical needles XXVII. Folding rulers 300 mm XXVIII. Probes with eye/fish tail XXIX. Measuring/specimen jar (100 ml and 1 Litre) XXX. Rib Shear XXXI. Magnifying lens											
141	BP handle No. 4			Yes	Yes							
142	Artery Forceps- Straight			Yes	Yes							
143	Artery Forceps- Curved			Yes	Yes							
144	Mosquito forceps- Straight			Yes	Yes							
145	Mosquito forceps- Curved			Yes	Yes							
146	Plain dissecting forceps			Yes	Yes							
147	Tooth dissecting forceps			Yes	Yes							
148	Right angle detector			Yes	Yes							
149	Needle holder- Large			Yes	Yes							
150	Needle holder- Small			Yes	Yes							
151	BP blade			Yes	Yes							

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Essential Equipment List (EEL) For District Hospital
As recommended by Technical Core Committee for EEL

SL. NO	Name of the Equipment/ Instrument	Basic Specification	Psychiatry	Neonatology	Cardiology	Urology	Geriatric	NRC	Emergency	Anaesthesia	ICU	SNCU+MNCU
1	ICU Bed	Electric Operated							Yes		Yes	
2	Pediatric ICU Bed	Electric Operated										
3	Resuscitation Bed	Manual							Yes			
4	OT Table	Electric Operated with all accessories							Yes			
5	Ophthalmic OT Table											
6	LDR Bed											
7	LED OT Light	Double Dome							Yes			
8	USG Machine	Convex Probe, TVS Probe										
9	USG Machine with Color Doppler and Echo facility	Convex Probe, TVS Probe, Linear Probe, Eco Probe										
10	Portable Ultrasound											
11	Dialysis Machine											
12	Dialyzer reprocessing unit											
13	Dialysis RO Plant	500 LPM										
14	C arm with accessories	12 Inches										
15	C.T. Scan											
16	Mammography unit											
17	Mechanical ventilator										Yes	
18	Transport Ventilator										Yes	
19	Transport Monitor										Yes	
20	Multipara Monitor	ECG, SPO2, NIBP, Temp, Respiration, EtCO2, IABP			Yes				Yes		Yes	Yes
21	ECG Machine	12 Channel			Yes				Yes		Yes	

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SL. NO	Name of the Equipment/ Instrument	Basic Specification	Psychiatry	Neonatology	Cardiology	Urology	Geriatric	NRC	Emergency	Anaesthesia	ICU	SNCU+MNCU
69	Indirect Ophthalmoscope with 20 D & 90 D Lens											
70	Operating Microscope (Eye)											
71	Operating Microscope (ENT)											
72	Phaco Machine											
73	Otoscope											
74	Hysteroscope											
75	Vaccum Extractor											
76	Proctoscope- Adult											
77	Proctoscope- Child											
78	Arthroscope											
79	Spirometer											
80	Syringe Pump										Yes	Yes
81	Infusion Pump										Yes	Yes
82	Fetal Doppler											
83	Foetoscope											
84	Chest Tube With Water Seal								Yes			
85	Infantometer							Yes				Yes
86	Stadiometer							Yes				
87	Stethoscope		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
88	Streak Retinoscope											
89	A- Scan Biometer											
90	B- Scan Biometer											
91	Auto refractometer with Keratometer											
92	Non-Contact Tonometer (NCT)											
93	Schiotz Tonometer											
94	Gonio Lens											
95	Small Incision Cataract Surgery (SICS) Set											
96	Distance Vision Drum											
97	Near Vision Drum											
98	Ishihara Colour Vision Test Book											
99	Ambu bags- Adult								Yes	Yes	Yes	

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SL. NO	Name of the Equipment/ Instrument	Basic Specification	Psychiatry	Neonatology	Cardiology	Urology	Geriatric	NRC	Emergency	Anaesthesia	ICU	SNCU+MNCU
142	Artery Forceps- Straight											
143	Artery Forceps- Curved											
144	Mosquito forceps- Straight											
145	Mosquito forceps- Curved											
146	Plain dissecting forceps											
147	Tooth dissecting forceps											
148	Right angle detector											
149	Needle holder- Large											
150	Needle holder- Small											
151	BP blade											
152	Dissecting scissor 8"											
153	Allis tissue forceps											
154	Mayo's scissors											
155	Dissecting scissors 8" curved											
156	Ttitch cutting scissors											
157	Gauge cutting/bandage cutting scissors 12											
158	Kidney tray- Small											
159	Kidney tray- Big											
160	Sponge holing forceps- Straight											
161	Kocher's artery forceps- Curved											
162	Cat's paw retractor											
163	Ear speculum											
164	Nasal speculum- Adult											
165	Nasal speculum- Child											
166	Female metallic catheter											
167	Tongue depressor								Yes			
168	Vaginal speculum- Large											
169	Vaginal speculum- Small											
170	Vaginal speculums-Cusco											
171	Removal of Stitches Tray								Yes			
172	Tuning Fork (156 Hz)						Yes					
173	Tuning fork (512 Hz)						Yes					

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Essential Equipment List (EEL) For District Hospital
As recommended by Technical Core Committee for EEL

SL. NO	Name of the Equipment/ Instrument	Basic Specification	PICU	Operation Theatre	Radiology	Ward	Postmortem	Dialysis	Diagnostic/Pathology	Physiotherapy	Blood Centre	ART, ICTC, DSRC
1	ICU Bed	Electric Operated										
2	Pediatric ICU Bed	Electric Operated	Yes									
3	Resuscitation Bed	Manual										
4	OT Table	Electric Operated with all accessories		Yes								
5	Ophthalmic OT Table											
6	LDR Bed											
7	LED OT Light	Double Dome		Yes								
8	USG Machine	Convex Probe, TVS Probe										
9	USG Machine with Color Doppler and Echo facility	Convex Probe, TVS Probe, Linear Probe, Eco Probe			Yes							
10	Portable Ultrasound				Yes							
11	Dialysis Machine							Yes				
12	Dialyzer reprocessing unit							Yes				
13	Dialysis RO Plant	500 LPM						Yes				
14	C arm with accessories	12 Inches										
15	C.T. Scan				Yes							
16	Mammography unit				Yes							
17	Mechanical ventilator											
18	Transport Ventilator											
19	Transport Monitor											
20	Multipara Monitor	ECG, SPO2, NIBP, Temp, Respiration, EtCO2, IABP	Yes	Yes								

SL. NO	Name of the Equipment/ Instrument	Basic Specification	PICU	Operation Theatre	Radiology	Ward	Postmortem	Dialysis	Diagnostic/Pathology	Physiotherapy	Blood Centre	ART, ICTC, DSRC
21	ECG Machine	12 Channel		Yes		Yes			Yes			
22	Cardiotocography (CTG) Machine											
23	Defibrillator with TCP & AED			Yes								
24	Oxygen Concentrator	5 ltrs	Yes	Yes		Yes						
25	Oxygen Concentrator	10 ltrs	Yes	Yes		Yes						
26	Anaesthesia workstation			Yes								
27	Pulse Oximeter	Adult & Paediatric Probe	Yes	Yes		Yes						
28	Phototherapy	LED Single Surface	Yes									
29	Computed Radiography (CR) System				Yes							
30	X Ray 300 mA				Yes							
31	X Ray 100 mA (Mobile)											
32	X-ray machine Dental											
33	Bubble CPAP with Compressor		Yes									
34	BiPap Machine		Yes									
35	Electric cautery	400W		Yes								
36	Chemical Cautery											
37	Surgical Diathermy Bipolar			Yes								
38	Transcutaneous Bilirubinometer		Yes									
39	Irradiance Meter		Yes									
40	Vein Finder		Yes									
41	LED spot lights	Mobile		Yes		Yes	Yes					
42	Intermittent compression device for DVT prophylaxis	DVT Pump		Yes		Yes						
43	ABG	Reagent/ Cartridge							Yes			
44	Negative Ionizer/Air purifier											
45	Erythrocyte Sedimentation Rate (ESR) Analyzer (Manual with reading)								Yes			

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SL. NO	Name of the Equipment/ Instrument	Basic Specification	PICU	Operation Theatre	Radiology	Ward	Postmortem	Dialysis	Diagnostic/Pathology	Physiotherapy	Blood Centre	ART, ICTC, DSRC
94	Gonio Lens											
95	Small Incision Cataract Surgery (SICS) Set											
96	Distance Vision Drum											
97	Near Vision Drum											
98	Ishihara Colour Vision Test Book											
99	Ambu bags- Adult			Yes								
100	Ambu bags- Paediatrics		Yes	Yes								
101	Ambu bags- Neonatal		Yes									
102	Resuscitation Kit- Adult			Yes								
103	Resuscitation Kit- Neonatal											
104	Applanation Tonometer											
105	Fundus Camera											
106	OCT (Optical coherence tomography)											
107	Trial lens set with trial frame Adult/Children											
108	Ultrasonic Nebulizer		Yes			Yes						
109	Nebulizer		Yes			Yes						
110	Laryngoscope Adult	LED		Yes		Yes						
111	Laryngoscope Paediatric	LED	Yes	Yes		Yes						
112	LED light cure unit											
113	X-Ray view box	LED	Yes	Yes	Yes	Yes						
114	Horizontal Autoclave with UV light											
115	Vertical Autoclave	60 ltrs		Yes								
116	Portable Autoclave		Yes	Yes		Yes		Yes			Yes	
117	Flash Autoclave	20 litres		Yes								
118	Perimeter											
119	Bowl Sterilizers - Different Sizes		Yes	Yes		Yes		Yes				
120	Surgical Drum Inch		Yes	Yes		Yes						

SL. NO	Name of the Equipment/ Instrument	Basic Specification	PICU	Operation Theatre	Radiology	Ward	Postmortem	Dialysis	Diagnostic/Pathology	Physiotherapy	Blood Centre	ART, ICTC, DSRC
121	Washer Disinfector- 30- 45 Litres			Yes								
122	Water Bath (Electric)								Yes		Yes	
123	Glucometer		Yes	Yes		Yes			Yes			
124	Weighing Scale- Adult	Digital									Yes	
125	Weighing Scale- Paediatric	Digital	Yes									
126	BiPAP/CPAP Mask		Yes	Yes		Yes						
127	Oxygen Hood		Yes									
128	Flow Meter		Yes	Yes		Yes					Yes	
129	External fixator											
130	Pneumatic drill											
131	Reamer											
132	Tourniquet- Adult										Yes	
133	Tourniquet- Child										Yes	
134	Surgical instruments and sets as required for each surgery/procedure for General OT			Yes								
135	Surgical instruments and sets as required for each surgery/procedure for Ortho OT			Yes								
136	Surgical instruments and sets as required for each surgery/procedure for Obstetrics and Gynaecology OT			Yes								

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SL. NO	Name of the Equipment/ Instrument	Basic Specification	PICU	Operation Theatre	Radiology	Ward	Postmortem	Dialysis	Diagnostic/Pathology	Physiotherapy	Blood Centre	ART, ICTC, DSRC
140	P.M. Equipment (list) I. Amputation Saw 12" II. Bowel Scissors 7" III. Post- Mortem Scissors 6" IV. Blow Pipe straight 8" V. Hammer with chisel 8" VI. Detachable Cross handle chisel 3.5" VII. Skull Rest 7" VIII. Brain Knife 9.5" IX. Caltin Knife 9.5" X. Cartilage Knife 7.5" XI. Scalpel 16" XII. Dissecting Forceps 6" XIII. Chain hook set of 3, 3" XIV. Scalpel Handle 127 mm XV. Organ knife and saw 22mm blade XVI. Bistoury Knife 70mm blade XVII. Rib Knife XVIII. Pelvic Organ Knife XIX. Dissection scissors XX. Bone cutting scissors XXI. Needle Holder XXII. Raspatory XXIII. Retractor XXIV. Osteotome XXV. Vagotomy XXVI. Surgical needles XXVII. Folding rulers 300 mm XXVIII. Probes with eye/fish tail XXIX. Measuring/specimen jar (100 ml and 1 Litre) XXX. Rib Shear XXXI. Magnifying lens						Yes					
141	BP handle No. 4			Yes								
142	Artery Forceps- Straight			Yes								
143	Artery Forceps- Curved			Yes								
144	Mosquito forceps- Straight			Yes								
145	Mosquito forceps- Curved			Yes								
146	Plain dissecting forceps			Yes								

SL. NO	Name of the Equipment/ Instrument	Basic Specification	PICU	Operation Theatre	Radiology	Ward	Postmortem	Dialysis	Diagnostic/Pathology	Physiotherapy	Blood Centre	ART, ICTC, DSRC
147	Tooth dissecting forceps			Yes								
148	Right angle detector			Yes								
149	Needle holder- Large			Yes								
150	Needle holder- Small			Yes								
151	BP blade			Yes								
152	Dissecting scissor 8"			Yes								
153	Allis tissue forceps			Yes								
154	Mayo's scissors			Yes								
155	Dissecting scissors 8" curved			Yes								
156	Ttitch cutting scissors			Yes								
157	Gauge cutting/bandage cutting scissors 12			Yes								
158	Kidney tray- Small			Yes								
159	Kidney tray- Big			Yes								
160	Sponge holing forceps- Straight			Yes								
161	Kocher's artery forceps- Curved			Yes								
162	Cat's paw retractor			Yes								
163	Ear speculum											
164	Nasal speculum- Adult											
165	Nasal speculum- Child											
166	Female metallic catheter											
167	Tongue depressor											
168	Vaginal speculum- Large											
169	Vaginal speculum- Small											
170	Vaginal speculums-Cusco											Yes
171	Removal of Stitches Tray			Yes		Yes						
172	Tuning Fork (156 Hz)											
173	Tuning fork (512 Hz)											
174	Percussion Hammer											
175	Wooden Tongue Depressor											
176	Foot stool			Yes								

SL. NO	Name of the Equipment/ Instrument	Basic Specification	PICU	Operation Theatre	Radiology	Ward	Postmortem	Dialysis	Diagnostic/Pathology	Physiotherapy	Blood Centre	ART, ICTC, DSRC
177	Gynaecological Examination tray											
178	Spatula tray											
179	OPT											
180	Mouth Mirror											
181	Examination Instruments in dentistry											
182	Slit lamp refraction units											
183	Punctum Dilator											
184	PEEP valve											
185	Nasal Speculum			Yes								
186	Laryngeal mirror											
187	Nasopharyngeal mirrors Aural speculum Siegles speculum											
188	Magill's forceps		Yes	Yes								
189	Reflex hammer											
190	Goinometer											
191	Jobson Horne Probe											
192	Punch Biopsy Gun											
193	IV Stand	SS	Yes	Yes		Yes		Yes				
194	Stretcher	SS	Yes	Yes		Yes						
195	Wheelchair		Yes	Yes		Yes		Yes				
196	Medicine Trolley	SS	Yes	Yes		Yes		Yes				
197	Crash Cart	SS	Yes	Yes		Yes		Yes			Yes	
198	Mayo Stand	SS	Yes	Yes		Yes		Yes				
199	Surgical Trolley	SS	Yes	Yes		Yes		Yes				
200	Equipment Trolley	SS	Yes	Yes		Yes		Yes				
201	Instrument trolley	SS	Yes	Yes		Yes		Yes				
202	Patient Trolley		Yes	Yes		Yes		Yes				
203	Anaesthesia Trolley (Complete with Ambu bags and other items)			Yes								

SL. NO	Name of the Equipment/ Instrument	Basic Specification	PICU	Operation Theatre	Radiology	Ward	Postmortem	Dialysis	Diagnostic/Pathology	Physiotherapy	Blood Centre	ART, ICTC, DSRC
204	Cylinder Trolley		Yes	Yes		Yes					Yes	
205	Oxygen cylinder Type D/B with all accessories (with flow meter/tubing/catheter/ face mask/nasal prongs)		Yes	Yes		Yes					Yes Typ Yes -B	
206	Cardiac Table											
207	Mortuary Table	SS					Yes					
208	Bed side locker	SS	Yes			Yes		Yes				
209	Weighing machines (Organs)						Yes					
210	Measuring glasses (liquids)						Yes					
211	Head lamp						Yes					
212	Thermometer	Digital	Yes	Yes		Yes		Yes				Yes
213	Shoulder Wheel									Yes		
214	Wall ladder finger Exerciser									Yes		
215	Finger Exerciser web									Yes		
216	Shoulder Pulley									Yes		
217	Adjustable Walker									Yes		
218	Reciprocal walker									Yes		
219	Exercise Coucdih									Yes		
220	Spiro meter with disposable mouthpiece									Yes		
221	Lower & Upper extremity cycle/Basic Ergo meter									Yes		
222	Ultrasound therapy									Yes		
223	TENS									Yes		
224	Interferential therapy/Electrotherapy unit									Yes		
225	LED Torch		Yes	Yes	Yes	Yes	Yes	Yes				
226	Measuring tape		Yes	Yes	Yes	Yes	Yes	Yes				
227	Roof/Wall Mounted single piece curtain to ensure privacy		Yes	Yes	Yes	Yes	Yes	Yes				
228	Colour coded bins		Yes	Yes	Yes	Yes		Yes	Yes	Yes	Yes	Yes

SL. NO	Name of the Equipment/ Instrument	Basic Specification	PICU	Operation Theatre	Radiology	Ward	Postmortem	Dialysis	Diagnostic/Pathology	Physiotherapy	Blood Centre	ART, ICTC, DSRC
229	Chair for Doctor		Yes	Yes		Yes		Yes	Yes	Yes	Yes	
230	Chair for Nurses		Yes	Yes		Yes		Yes	Yes	Yes	Yes	
231	Table for Doctor		Yes	Yes		Yes		Yes	Yes	Yes	Yes	
232	Table for Nurses		Yes	Yes		Yes		Yes	Yes	Yes	Yes	
233	Chairs for patients/attendants		Yes	Yes	Yes	Yes		Yes	Yes	Yes	Yes	Yes
234	Domestic Refrigerator 210 litres with Stabilizer		Yes	Yes	Yes	Yes		Yes	Yes			
235	Central pipelines for supply of Oxygen (3 outlets on each bed)		Yes	Yes		Yes						
236	Central Suction		Yes	Yes		Yes						
237	Central Medical Air		Yes	Yes								
238	Centrifuge with Display	Table top, RPM 4000-4500							Yes		Yes	Yes
239	Hot Air oven								Yes		Yes	
240	Laboratory Incubator with thermostat								Yes		Yes	
241	Water Bath Serological with Variable Temperature								Yes		Yes	
242	Mechanical Shaker/Rotator								Yes		Yes	Yes
243	Blood Bank Refrigerator	300 bag									Yes	
244	Blood Collection Monitor	With Agitator									Yes	
245	Tube sealer- Table top										Yes	
246	Tube sealer- Portable										Yes	
247	Platelet Incubator With Agitator										Yes	
248	Refrigerated Centrifuge										Yes	
249	Donor Couch										Yes	
250	Apheresis Machine										Yes	
251	Plasma Thawing Bath										Yes	
252	Haemoglobinometer Digital		Yes	Yes					Yes		Yes	
253	Electric Needle Destroyer		Yes	Yes	Yes	Yes		Yes	Yes		Yes	
254	Hub Cutter/Needle Cutter		Yes	Yes	Yes	Yes		Yes	Yes		Yes	Yes
255	Chemical balance								Yes		Yes	
256	Micro Pipette	Fixed							Yes		Yes	Yes

Essential Equipment List (EEL) For Sub Divisional Hospital
As recommended by Technical Core Committee for EEL

SL. NO	Name of the Equipment/ Instrument	Basic Specification	Medicine	Surgery	Obstetrics and Gynaecology	Paediatrics	NCD	Dental	Eye	Orthopaedics	ENT
1	ICU Bed	Electric Operated									
2	Resuscitation Bed	Manual									
3	OT Table	Electric Operated with all accessories		Yes	Yes						
4	Ophthalmic OT Table								Yes		
5	LDR Bed				Yes						
6	LED OT Light	Double Dome		Yes	Yes						
7	USG Machine	Convex Probe, TVS Probe			Yes						
8	USG Machine with Color Doppler and Echo facility	Convex Probe, TVS Probe, Linear Probe, Eco Probe									
9	Portable ultrasound										
10	Mechanical ventilator										
11	Transport Ventilator										
12	Transport Monitor										
13	Cardiac Monitors	ECG, SPO2, NIBP, Temp & Respiration									
14	ECG Machine	12 Channel	Yes								
15	Cardiotocography (CTG) Machine				Yes						
16	Defibrillator with TCP & AED										
17	Anaesthesia workstation				Yes						
18	Pulse Oximeter	Adult & Paediatric Probe	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
19	Phototherapy	LED Single Surface			Yes						

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SL. NO	Name of the Equipment/ Instrument	Basic Specification	Medicine	Surgery	Obstetrics and Gynaecology	Paediatrics	NCD	Dental	Eye	Orthopaedics	ENT
101	Nebulizer		Yes	Yes	Yes	Yes					
102	Laryngoscope Adult	LED	Yes	Yes							
103	Laryngoscope Paediatric	LED	Yes	Yes	Yes	Yes					
104	LED light cure unit							Yes			
105	Surgical Diathermy Bipolar										
106	Horizontal Autoclave with UV light							Yes			
107	Vertical Autoclave	60 ltrs		Yes							
108	Portable Autoclave			Yes	Yes						
109	Flash Autoclave	20 litres		Yes							
110	Bowl Sterilizers - Different Sizes			Yes	Yes	Yes	Yes	Yes			
111	Surgical Drum Inch										
112	Washer Disinfectant- 30- 45 Litres										
113	Water Bath (Electric)										
114	Glucometer		Yes	Yes	Yes	Yes	Yes		Yes		Yes
115	Haemoglobinometer Digital		Yes	Yes	Yes	Yes	Yes		Yes		Yes
116	Weighing Scale Digital- Adult		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
117	Weighing Scale Digital- Paediatric		Yes		Yes	Yes					
118	Oxygen Hood				Yes						
119	Flow Meter				Yes						
120	Tourniquet- Adult		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
121	Tourniquet- Child		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
122	Surgical instruments and sets as required for each surgery/procedure for General OT			Yes							
123	Surgical instruments and sets as required for each surgery/procedure for Obstetrics and Gynaecology OT				Yes						

SL. NO	Name of the Equipment/ Instrument	Basic Specification	Medicine	Surgery	Obstetrics and Gynaecology	Paediatrics	NCD	Dental	Eye	Orthopaedics	ENT
124	Tracheostomy Set (i) Tracheal hook (blunt & sharp) (ii) Tracheal dilator (iii) Fuller's Tracheostomy tube (iv) Jackson's Tracheostomy tube (v) Cuffed Tracheostomy tube (vi) Right angled retractor (vii) Mosquito Artery forcep (viii) Allis forcep (ix) BP Handle with blade (x) Tooth & plain dissecting forcep										
125	Normal delivery kit (i) Cord cutting scissor (ii) Artery forceps (medium size) (iii) Sponge holding forceps (medium) (iv) Bivalve cuscus speculum (medium size) (v) Kidney tray (vi) Small bowl for antiseptic lotion				Yes						
126	Episiotomy kit (i) Episiotomy scissor (ii) Artery forceps (medium size) (iii) Allis forceps (iv) Sponge holding forceps (medium) (v) Toothed forceps (vi) Thumb forceps (vii) Kidney tray (viii) Needle holder (ix) Needle (Round Body and Cutting)				Yes						
127	Craniotomy kit				Yes						
128	BP handle No. 4			Yes							
129	Artery Forceps- Straight			Yes							

SL. NO	Name of the Equipment/ Instrument	Basic Specification	Medicine	Surgery	Obstetrics and Gynaecology	Paediatrics	NCD	Dental	Eye	Orthopaedics	ENT
130	Artery Forceps- Curved			Yes							
131	Mosquito forceps- Straight			Yes							
132	Mosquito forceps- Curved			Yes							
133	Plain dissecting forceps			Yes							
134	Tooth dissecting forceps			Yes							
135	Right angle detector			Yes							
136	Needle holder- Large			Yes							
137	Needle holder- Small			Yes							
138	BP blade			Yes							
139	Dissecting scissor 8"			Yes							
140	Allis tissue forceps			Yes							
141	Mayo's scissors			Yes							
142	Dissecting scissors 8" curved			Yes							
143	Ttitch cutting scissors			Yes							
144	Gauge cutting/bandage cutting scissors 12			Yes							
145	Kidney tray- Small			Yes							
146	Kidney tray- Big			Yes							
147	Sponge holing forceps- Straight			Yes							
148	Kocher's artery forceps- Curved			Yes							
149	Cat's paw retractor			Yes							
150	Electric Needle Destroyer		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
151	Hub Cutter/Needle Cutter		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
152	Ear speculum										Yes
153	Nasal speculum- Adult										Yes
154	Nasal speculum- Child										Yes
155	Female metallic catheter										Yes
156	Tongue depressor										Yes
157	Catheter introducer										Yes
158	Vaginal speculum- Large				Yes						
159	Vaginal speculum- Small				Yes						
160	Vaginal speculums-Cusco			Yes	Yes						
161	Removal of Stitches Tray			Yes	Yes						

SL. NO	Name of the Equipment/ Instrument	Basic Specification	Medicine	Surgery	Obstetrics and Gynaecology	Paediatrics	NCD	Dental	Eye	Orthopaedics	ENT
162	Tuning Fork (156)		Yes								
163	Tuning fork (512 Hz)		Yes								
164	Percussion Hammer		Yes								
165	Wooden Tongue Depressor		Yes								
166	Foot stool		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
167	Gynaecological Examination tray			Yes	Yes						
168	Spatula tray			Yes	Yes						
169	Mouth Mirror							Yes			Yes
170	Examination Instruments in dentistry							Yes			
171	Slit lamp refraction units								Yes		
172	Punctum Dilator								Yes		
173	PEEP valve										
174	Nasal Speculum										Yes
175	Laryngeal mirror										Yes
176	Nasopharyngeal mirrors Aural speculum Siegles speculum										Yes
177	Fixed height with stump feet in operation theatre										
178	Bayonet forces										Yes
179	Magill's forceps				Yes						
180	Reflex hammer		Yes			Yes				Yes	
181	Jobson Horne Probe										Yes
182	Punch Biopsy Gun		Yes								
183	IV Stand		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
184	Stretcher		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
185	Wheelchair		Yes	Yes	Yes						
186	Medicine Trolley	SS	Yes	Yes	Yes	Yes			Yes	Yes	Yes
187	Crash Cart	SS	Yes	Yes	Yes	Yes			Yes	Yes	Yes
188	Mayo Stand	SS	Yes	Yes	Yes	Yes			Yes	Yes	Yes
189	Surgical Trolley	SS	Yes	Yes	Yes	Yes			Yes	Yes	Yes
190	Equipment Trolley	SS	Yes	Yes	Yes	Yes			Yes	Yes	Yes
191	Instrument trolley	SS	Yes	Yes	Yes	Yes			Yes	Yes	Yes

[illegible]

Essential Equipment List (EEL) For Sub Divisional Hospital
As recommended by Technical Core Committee for EEL

SL. NO	Name of the Equipment/ Instrument	Basic Specification	NRC	Emergency	HDU	SNCU+MNCU	Operation Theatre	Radiology	Ward	Diagnostic/Pathology	Physiotherapy	Blood Storage Centre
1	ICU Bed	Electric Operated		Yes	Yes							
2	Resuscitation Bed	Manual		Yes	Yes							
3	OT Table	Electric Operated with all accessories					Yes					
4	Ophthalmic OT Table											
5	LDR Bed											
6	LED OT Light	Double Dome					Yes					
7	USG Machine	Convex Probe, TVS Probe										
8	USG Machine with Color Doppler and Echo facility	Convex Probe, TVS Probe, Linear Probe, Eco Probe						Yes				
9	Portable ultrasound							Yes				
10	Mechanical ventilator				Yes							
11	Transport Ventilator				Yes							
12	Transport Monitor				Yes							
13	Cardiac Monitors	ECG, SPO2, NIBP, Temp & Respiration			Yes		Yes					
14	ECG Machine	12 Channel		Yes	Yes				Yes	Yes		
15	Cardiotocography (CTG) Machine											
16	Defibrillator with TCP & AED			Yes	Yes		Yes					
17	Anaesthesia workstation						Yes					
18	Pulse Oximeter	Adult & Paediatric Probe	Yes	Yes	Yes	Yes	Yes		Yes			
19	Phototherapy	LED Single Surface	Yes			Yes						
20	Computed Radiography (CR) System							Yes				

SL. NO	Name of the Equipment/ Instrument	Basic Specification	NRC	Emergency	HDU	SNCU+MNCU	Operation Theatre	Radiology	Ward	Diagnostic/Pathology	Physiotherapy	Blood Storage Centre
21	X Ray 300 mA							Yes				
22	X Ray 100 mA (Mobile)							Yes				
23	X-ray machine Dental											
24	Bubble CPAP with Compressor					Yes						
25	BiPAP/CPAP Mask				Yes	Yes			Yes			
26	BiPap Machine				Yes	Yes						
27	Oxygen Concentrator	5 ltrs		Yes	Yes	Yes	Yes		Yes			
28	Oxygen Concentrator	10 ltrs		Yes	Yes	Yes	Yes		Yes			
29	Electric cautery	400W					Yes					
30	Transcutaneous Bilirubinometer					Yes						
31	Irradiance Meter					Yes						
32	Vein Finder			Yes		Yes	Yes		Yes			
33	LED spot lights	Mobile		Yes			Yes					
34	ABG	Reagent/Cartridge								Yes		
35	Negative Ionizer/Air purifier											
36	Erythrocyte Sedimentation Rate (ESR) Analyzer (Manual with reading)									Yes		
37	Automated coagulation analyzer									Yes		
38	Electrophoresis machine/HPLC machine									Yes		
39	Hematology analyzer	3 part								Yes		
40	Biochemistry Analyzer	Semi Auto								Yes		
41	Turbidometer									Yes		
42	Electrolyte Analyzer (Indirect ion selective electrode)									Yes		
43	Polymerase Chain Reaction (PCR) Analyser									Yes		
44	Nucleic Acid Amplification Test (NAAT)									Yes		
45	ELISA									Yes		
46	ELISA/RAPID									Yes		
47	Flame Photometry									Yes		
48	Flow cytometer									Yes		
49	Binocular Microscope									Yes		Yes

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SL. NO	Name of the Equipment/ Instrument	Basic Specification	NRC	Emergency	HDU	SNCU+MNCU	Operation Theatre	Radiology	Ward	Diagnostic/Pathology	Physiotherapy	Blood Storage Centre
105	Surgical Diathermy Bipolar						Yes					
106	Horizontal Autoclave with UV light											
107	Vertical Autoclave	60 ltrs				Yes	Yes					
108	Portable Autoclave						Yes					
109	Flash Autoclave	20 litres				Yes	Yes		Yes			
110	Bowl Sterilizers - Different Sizes			Yes	Yes		Yes		Yes			
111	Surgical Drum Inch				Yes		Yes		Yes			
112	Washer Disinfectant- 30- 45 Litres						Yes					
113	Water Bath (Electric)									Yes		
114	Glucometer		Yes	Yes	Yes	Yes	Yes		Yes	Yes		
115	Haemoglobinometer Digital		Yes	Yes	Yes	Yes	Yes		Yes	Yes		
116	Weighing Scale Digital- Adult		Yes	Yes	Yes	Yes	Yes				Yes	
117	Weighing Scale Digital- Paediatric		Yes	Yes	Yes		Yes					
118	Oxygen Hood		Yes	Yes	Yes	Yes	Yes					
119	Flow Meter			Yes	Yes	Yes	Yes		Yes			
120	Tourniquet- Adult		Yes	Yes	Yes	Yes	Yes		Yes	Yes	Yes	Yes
121	Tourniquet- Child		Yes	Yes	Yes	Yes	Yes		Yes	Yes	Yes	Yes
122	Surgical instruments and sets as required for each surgery/procedure for General OT						Yes					
123	Surgical instruments and sets as required for each surgery/procedure for Obstetrics and Gynaecology OT						Yes					

SL. NO	Name of the Equipment/ Instrument	Basic Specification	NRC	Emergency	HDU	SNCU+MNCU	Operation Theatre	Radiology	Ward	Diagnostic/Pathology	Physiotherapy	Blood Storage Centre
124	Tracheostomy Set (i) Tracheal hook (blunt & sharp) (ii) Tracheal dilator (iii) Fuller's Tracheostomy tube (iv) Jackson's Tracheostomy tube (v) Cuffed Tracheostomy tube (vi) Right angled retractor (vii) Mosquito Artery forcep (viii) Allis forcep (ix) BP Handle with blade (x) Tooth & plain dissecting forcep			Yes			Yes					
125	Normal delivery kit (i) Cord cutting scissor (ii) Artery forceps (medium size) (iii) Sponge holding forceps (medium) (iv) Bivalve cuscus speculum (medium size) (v) Kidney tray (vi) Small bowl for antiseptic lotion											
126	Episiotomy kit (i) Episiotomy scissor (ii) Artery forceps (medium size) (iii) Allis forceps (iv) Sponge holding forceps (medium) (v) Toothed forceps (vi) Thumb forceps (vii) Kidney tray (viii) Needle holder (ix) Needle (Round Body and Cutting)											
127	Craniotomy kit											
128	BP handle No. 4						Yes					
129	Artery Forceps- Straight						Yes					
130	Artery Forceps- Curved						Yes					
131	Mosquito forceps- Straight						Yes					
132	Mosquito forceps- Curved						Yes					
133	Plain dissecting forceps						Yes					

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SL. NO	Name of the Equipment/ Instrument	Basic Specification	NRC	Emergency	HDU	SNCU+MNCU	Operation Theatre	Radiology	Ward	Diagnostic/Pathology	Physiotherapy	Blood Storage Centre
166	Foot stool		Yes	Yes	Yes	Yes			Yes			
167	Gynaecological Examination tray											
168	Spatula tray											
169	Mouth Mirror											
170	Examination Instruments in dentistry											
171	Slit lamp refraction units											
172	Punctum Dilator											
173	PEEP valve				Yes							
174	Nasal Speculum											
175	Laryngeal mirror											
176	Nasopharyngeal mirrors Aural speculum Siegles speculum											
177	Fixed height with stump feet in operation theatre			Yes			Yes					
178	Bayonet forces											
179	Magill's forceps			Yes	Yes	Yes	Yes					
180	Reflex hammer		Yes									
181	Jobson Horne Probe											
182	Punch Biopsy Gun											
183	IV Stand		Yes	Yes	Yes	Yes	Yes		Yes			
184	Stretcher		Yes	Yes	Yes	Yes	Yes		Yes			
185	Wheelchair			Yes	Yes	Yes	Yes		Yes			
186	Medicine Trolley	SS	Yes	Yes	Yes	Yes	Yes		Yes			
187	Crash Cart	SS	Yes	Yes	Yes	Yes	Yes		Yes			
188	Mayo Stand	SS	Yes	Yes	Yes	Yes	Yes		Yes			
189	Surgical Trolley	SS	Yes	Yes	Yes	Yes	Yes		Yes			
190	Equipment Trolley	SS	Yes	Yes	Yes	Yes	Yes		Yes			
191	Instrument trolley	SS	Yes	Yes	Yes	Yes	Yes		Yes			
192	Patient Trolley		Yes	Yes	Yes	Yes	Yes		Yes			
193	Anaesthesia Trolley (Complete with Ambu bags and other items)						Yes					
194	Cylinder Trolley			Yes	Yes	Yes	Yes		Yes			

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SL. NO	Name of the Equipment/ Instrument	Basic Specification	NRC	Emergency	HDU	SNCU+MNCU	Operation Theatre	Radiology	Ward	Diagnostic/Pathology	Physiotherapy	Blood Storage Centre
220	Domestic Refrigerator 210 litres with Stabilizer		Yes	Yes	Yes	Yes	Yes			Yes		Yes
221	Blood Bank Refrigerator											Yes
222	Deep Freezer -20°C											
223	Ice Lined Refrigerator (ILR)									Yes		
224	Air Conditioner		Yes	Yes	Yes	Yes		Yes	Yes	Yes	Yes	Yes
225	Central pipelines for supply of Oxygen (3 outlets on each bed)			Yes	Yes	Yes	Yes		Yes			
226	Central Suction			Yes	Yes	Yes	Yes		Yes			
227	Central Medical Air			Yes	Yes	Yes	Yes					

Essential Equipment List (EEL) For Primary Health Centre (PHC)

Sl. No	Name of the Equipment/ Instrument	Basic Specification	24x7 Emergency Services with Triage, Resuscitation & Stabilization	LDR	OPD Services (ANC, NCD screening, Diagnosis, Follow-up & Referral)	Indoor Patient Services	Minor Surgical Procedures
1	OT Table Minor	Hydraulic					
2	Labour Table			Yes			
3	Examination Table with Footstep				Yes		
4	LED OT Light	Double Dome					
5	LED Spot Lights	Mobile		Yes			
6	Examination Light	LED	Yes	Yes	Yes		
7	Oxygen Cylinder (B/D Type)		Yes	Yes		Yes	Yes
8	Trolley for Oxygen Cylinder		Yes	Yes		Yes	Yes
9	Oxygen Flow Meter with Humidifier Bottle		Yes	Yes		Yes	Yes
10	Oxygen Concentrator	5 ltrs	Yes	Yes		Yes	Yes
11	Oxygen Concentrator	10 ltrs	Yes	Yes		Yes	Yes
12	Suction Machine	Electrical	Yes	Yes		Yes	Yes
13	Suction Machine	Foot Operated	Yes	Yes		Yes	Yes
14	Portable Autoclave		Yes	Yes			Yes
15	X-ray Machine						
16	ECG Machine	12 Channel	Yes	Yes		Yes	
17	Multipara Monitor		Yes	Yes		Yes	
18	Haemoglobinometer Digital				Yes		
19	Hematology Analyzer	3 part					
20	Semi Automated Biochemistry Analyzer						
21	Blood Group Kit (Manual)						
22	Multiparameter Urine Strip						
23	Turbidometer/Nephelometer						
24	Glucometer Digital		Yes	Yes	Yes		
25	Erythrocyte Sedimentation Rate (ESR) Analyzer						

Sl. No	Name of the Equipment/ Instrument	Basic Specification	24x7 Emergency Services with Triage, Resuscitation & Stabilization	LDR	OPD Services (ANC, NCD screening, Diagnosis, Follow-up & Referral)	Indoor Patient Services	Minor Surgical Procedures
26	Electrolyte Analyzer (Indirect ion selective electrode)						
27	Diathermy Machine						
28	Ambu Bags- Adult		Yes	Yes			
29	Ambu Bags- Paediatrics		Yes	Yes			
30	Surgical Blade		Yes				
31	Radiant Warmer		Yes	Yes			
32	Pulse Oximeter	Adult & Paediatric Probe	Yes	Yes	Yes	Yes	Yes
33	Fetal Dopler			Yes			
34	Kelly Pads & Blankets			Yes			
35	Phototherapy Unit			Yes			
36	Delivery Trolley	SS	Yes	Yes		Yes	Yes
37	Medicine Trolley	SS	Yes	Yes		Yes	Yes
38	Surgical Trolley	SS	Yes	Yes		Yes	Yes
39	Equipment Trolley	SS	Yes	Yes		Yes	Yes
40	Instrument Trolley	SS	Yes	Yes		Yes	Yes
41	Patient Trolley	SS	Yes	Yes		Yes	Yes
42	Bed Side Locker	SS		Yes		Yes	
43	Delivery Tray			Yes			
44	Episiotomy Tray			Yes			
45	Medicine Tray			Yes			
46	Emergency Drug Tray		Yes	Yes			
47	Baby Tray			Yes			
48	MVA Tray			Yes			
49	PPIUCD Tray			Yes			
50	Sponge Holding Forceps			Yes			
51	Vulsellum Uterine Forceps			Yes			

Sl. No	Name of the Equipment/ Instrument	Basic Specification	24x7 Emergency Services with Triage, Resuscitation & Stabilization	LDR	OPD Services (ANC, NCD screening, Diagnosis, Follow-up & Referral)	Indoor Patient Services	Minor Surgical Procedures
52	Normal Delivery Kit (i) Cord cutting scissor (ii) Artery forceps (medium size) (iii) Sponge holding forceps (medium) (iv) Bivalve cuscus speculum (medium size) (v) Kidney tray (vi) Small bowl for antiseptic lotion			Yes			
53	Equipment for Assisted Forceps Delivery			Yes			
54	Standard Surgical Set (For Minor procedures like Episiotomies Stitching)			Yes			
55	Equipment for Manual Vacuum Aspiration			Yes			
56	IUCD Insertion Kit			Yes			
57	Sphygmomanometer	Aneroid	Yes		Yes	Yes	Yes
58	Weighing Scale- Adult	Digital	Yes	Yes	Yes	Yes	
59	Weighing Scale- Paediatric	Digital	Yes	Yes	Yes	Yes	
60	Infantometer			Yes	Yes		
61	Stadiometer		Yes	Yes	Yes		
62	Stethoscope		Yes	Yes	Yes	Yes	Yes
63	Thermometer Digital		Yes	Yes	Yes	Yes	Yes
64	Electric Needle Destroyer		Yes	Yes	Yes	Yes	Yes
65	Hub Cutter/Needle Cutter		Yes	Yes	Yes	Yes	Yes
66	Cusco's Speculum				Yes		
67	Dental Mouth Mirrors				Yes		
68	Hospital Bed/Fowler bed	With Mattress	Yes			Yes	
69	Puncture Proof Box		Yes			Yes	
70	Self-inflating Bag and Mask Neonatal Size (0 & 1)						Yes
71	Oxygen Hood						Yes
72	Laryngoscope Adult	LED					Yes

Sl. No	Name of the Equipment/ Instrument	Basic Specification	24x7 Emergency Services with Triage, Resuscitation & Stabilization	LDR	OPD Services (ANC, NCD screening, Diagnosis, Follow-up & Referral)	Indoor Patient Services	Minor Surgical Procedures
73	Laryngoscope Paediatric	LED					Yes
74	Mucus Extractor with Suction Tube						Yes
75	Resuscitator, hand-operated, neonate and child, 500 ml						
76	Dressing Drum all Sizes		Yes	Yes			
77	Sterilizer		Yes	Yes			
78	Ice Lined Refrigerator (ILR) with Voltage Stabilizer						
79	Deep Freezer (DF) -20°C with Voltage Stabilizer						
80	Freeze Tag						
81	Alcohol Stem Thermometer						
82	Vaccine Carries with Ice Packs						
83	Cold Box						
84	Waste Disposable Twin Buckets						
85	Shoulder Wheel						
86	Wall Ladder Finger Exerciser						
87	Finger Exerciser Web						
88	Shoulder Pulley						
89	Adjustable Walker						
90	Reciprocal Walker						
91	Exercise Couch						
92	Wheelchair	SS	Yes	Yes	Yes	Yes	Yes
93	Stretcher	SS	Yes	Yes	Yes	Yes	Yes
94	IV Stand	SS	Yes	Yes	Yes	Yes	Yes
95	Spiro Meter						

Sl. No	Name of the Equipment/ Instrument	Basic Specification	24x7 Emergency Services with Triage, Resuscitation & Stabilization	LDR	OPD Services (ANC, NCD screening, Diagnosis, Follow-up & Referral)	Indoor Patient Services	Minor Surgical Procedures
96	Lower & Upper Extremity Cycle/ Basic Ergo Meter						
97	Footstep			Yes			
98	Chair for Doctor		Yes	Yes	Yes	Yes	Yes
99	Chair for Nurses		Yes	Yes	Yes	Yes	Yes
100	Table for Doctor		Yes	Yes	Yes	Yes	Yes
101	Table for Nurses		Yes	Yes	Yes	Yes	Yes
102	Screen Separators with stand			Yes	Yes		
103	Steel Almirah		Yes	Yes	Yes	Yes	Yes
104	Chairs for Patients		Yes	Yes	Yes	Yes	Yes
105	Chairs for Attendants		Yes	Yes	Yes	Yes	Yes
106	Stand with wheel for single basin						
107	X-ray View Box		Yes		Yes	Yes	Yes

Essential Equipment List (EEL) For Primary Health Centre (PHC)

Sl. No	Name of the Equipment/ Instrument	Basic Specification	New born Stabilization Units (NBSUs)	Operation Theater	Immunization Services	Rehabilitation Services	Diagnostic/Pathology
1	OT Table Minor	Hydraulic		Yes			
2	Labour Table						
3	Examination Table with Footstep						
4	LED OT Light	Double Dome		Yes			
5	LED Spot Lights	Mobile					
6	Examination Light	LED	Yes				
7	Oxygen Cylinder (B/D Type)						
8	Trolley for Oxygen Cylinder						
9	Oxygen Flow Meter with Humidifier Bottle						
10	Oxygen Concentrator	5 ltrs					
11	Oxygen Concentrator	10 ltrs					
12	Suction Machine	Electrical					
13	Suction Machine	Foot Operated	Yes				
14	Portable Autoclave						
15	X-ray Machine						Yes
16	ECG Machine	12 Channel		Yes			
17	Multipara Monitor		Yes	Yes			
18	Haemoglobinometer Digital						Yes
19	Hematology Analyzer	3 part					Yes
20	Semi Automated Biochemistry Analyzer						Yes
21	Blood Group Kit (Manual)						Yes
22	Multiparameter Urine Strip						Yes
23	Turbidometer/Nephelometer						Yes
24	Glucometer Digital						Yes
25	Erythrocyte Sedimentation Rate (ESR) Analyzer						Yes
26	Electrolyte Analyzer (Indirect ion selective electrode)						Yes

Sl. No	Name of the Equipment/ Instrument	Basic Specification	New born Stabilization Units (NBSUs)	Operation Theater	Immunization Services	Rehabilitation Services	Diagnostic/Pathology
27	Diathermy Machine			Yes			
28	Ambu Bags- Adult			Yes			
29	Ambu Bags- Paediatrics		Yes	Yes			
30	Surgical Blade						
31	Radiant Warmer		Yes				
32	Pulse Oximeter	Adult & Paediatric Probe	Yes	Yes			
33	Fetal Dopler						
34	Kelly Pads & Blankets						
35	Phototherapy Unit						
36	Delivery Trolley	SS					
37	Medicine Trolley	SS	Yes	Yes			
38	Surgical Trolley	SS		Yes			
39	Equipment Trolley	SS	Yes	Yes			
40	Instrument Trolley	SS	Yes	Yes			
41	Patient Trolley	SS	Yes	Yes			
42	Bed Side Locker	SS	Yes				
43	Delivery Tray						
44	Episiotomy Tray						
45	Medicine Tray						
46	Emergency Drug Tray						
47	Baby Tray						
48	MVA Tray						
49	PPIUCD Tray						
50	Sponge Holding Forceps						
51	Vulsellum Uterine Forceps						

Sl. No	Name of the Equipment/ Instrument	Basic Specification	New born Stabilization Units (NBSUs)	Operation Theater	Immunization Services	Rehabilitation Services	Diagnostic/Pathology
52	Normal Delivery Kit (i) Cord cutting scissor (ii) Artery forceps (medium size) (iii) Sponge holding forceps (medium) (iv) Bivalve cuscus speculum (medium size) (v) Kidney tray (vi) Small bowl for antiseptic lotion						
53	Equipment for Assisted Forceps Delivery						
54	Standard Surgical Set (For Minor procedures like Episiotomies Stitching)						
55	Equipment for Manual Vacuum Aspiration						
56	IUCD Insertion Kit						
57	Sphygmomanometer	Aneroid		Yes			
58	Weighing Scale- Adult	Digital					
59	Weighing Scale- Paediatric	Digital	Yes				
60	Infantometer						
61	Stadiometer						
62	Stethoscope		Yes	Yes			
63	Thermometer Digital		Yes	Yes			
64	Electric Needle Destroyer		Yes	Yes			
65	Hub Cutter/Needle Cutter		Yes	Yes			
66	Cusco's Speculum						
67	Dental Mouth Mirrors						
68	Hospital Bed/Fowler bed	With Mattress					
69	Puncture Proof Box		Yes	Yes			
70	Self-inflating Bag and Mask Neonatal Size (0 & 1)						
71	Oxygen Hood						
72	Laryngoscope Adult	LED					
73	Laryngoscope Paediatric	LED					

Sl. No	Name of the Equipment/ Instrument	Basic Specification	New born Stabilization Units (NBSUs)	Operation Theater	Immunization Services	Rehabilitation Services	Diagnostic/Pathology
74	Mucus Extractor with Suction Tube						
75	Resuscitator, hand-operated, neonate and child, 500 ml		Yes				
76	Dressing Drum all Sizes			Yes			
77	Sterilizer			Yes			
78	Ice Lined Refrigerator (ILR) with Voltage Stabilizer				Yes		
79	Deep Freezer (DF) -20°C with Voltage Stabilizer				Yes		
80	Freeze Tag				Yes		
81	Alcohol Stem Thermometer				Yes		
82	Vaccine Carries with Ice Packs				Yes		
83	Cold Box				Yes		
84	Waste Disposable Twin Buckets				Yes		
85	Shoulder Wheel					Yes	
86	Wall Ladder Finger Exerciser					Yes	
87	Finger Exerciser Web					Yes	
88	Shoulder Pulley					Yes	
89	Adjustable Walker					Yes	
90	Reciprocal Walker					Yes	
91	Exercise Couch					Yes	
92	Wheelchair	SS			Yes	Yes	
93	Stretcher	SS			Yes	Yes	
94	IV Stand	SS			Yes	Yes	
95	Spiro Meter					Yes	
96	Lower & Upper Extremity Cycle/ Basic Ergo Meter					Yes	
97	Footstep						

Sl. No	Name of the Equipment/ Instrument	Basic Specification	New born Stabilization Units (NBSUs)	Operation Theater	Immunization Services	Rehabilitation Services	Diagnostic/Pathology
98	Chair for Doctor				Yes	Yes	
99	Chair for Nurses				Yes	Yes	
100	Table for Doctor				Yes	Yes	
101	Table for Nurses				Yes	Yes	
102	Screen Separators with stand						
103	Steel Almirah				Yes	Yes	
104	Chairs for Patients				Yes	Yes	
105	Chairs for Attendants				Yes	Yes	
106	Stand with wheel for single basin			Yes			
107	X-ray View Box			Yes			

प्रत्यय अमृत,
सरकार के अपर मुख्य सचिव।

अधीक्षक, सचिवालय मुद्रणालय,
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